

ISTE/Common Core Technology Standards Alignment

Grade	ISTE Technology Literate Profile (ISTE Standards)	Common Core Tech Standard	Example Activity 1	Example Activity 2
9 th	Create media-rich presentations for other students on the appropriate and ethical use of digital tools and resources. (1, 5)	CC SL #5 CC W #8	Utilize Prezi, Google Docs, or advanced Power Point presentations. Add in video, audio, and narration. Record and put on a website for younger students to view.	Use a screen casting program such as Educreations or ScreenCast-o-Matic to create a video that you can upload to Youtube or embed in a school website for students to view.
9 th -10 th	Create and publish an online art gallery with examples and commentary that demonstrate an understanding of different historical periods, cultures and countries. (1, 2)	CC W #6 CC W #8	Utilize Voicethread, Educreations, or other recording program to create this. Could be utilized in history, English, or even a philosophy course. Tailor it to your curriculum. Check out www.bie.org for ideas on how to make this into a larger Project Based Learning activity.	
9 th -12 th	Model legal and ethical behaviors when using information and technology by properly selecting, acquiring, and citing resources. (3, 5)	CC W #8 CC RI #7	Websites such as www.easybib.org or www.bibme.org are great for students to cite resources. Encourage citations for all media used in a project.	
9 th -12 th	Select digital tools or resources to use for a real-world task and justify the selection based on their efficiency and effectiveness. (3, 6)	CC SL #2 CC SL #5 CC RH #7	Utilize the professional development wiki (www.netrixitpd.wikispaces.com) and www.bie.org for ideas on how to create a real world activity that can fulfill your standards in your content area.	Students could create a podcast about a curriculum specific topic and post that to a class blog/webpage.
9 th -12 th	Employ curriculum-specific simulations to practice critical-thinking processes. (1, 4)	CC SL #5	Simulation games for nearly every subject can be found online. Science . Math . History . Several Subjects .	
10 th -12 th	Identify a complex global issue, develop a systematic plan of investigation, and present innovative sustainable solutions. (1, 2, 3, 4)	CC RI #7 CC W #7 CC W #2a CC SL #2	Utilize the professional development wiki (www.netrixitpd.wikispaces.com) and www.bie.org for ideas on how to create a real world activity that can fulfill your standards in your content area. Pre made lessons available: http://bie.org/project_search	Sign up at www.pblu.org for pre-made project based learning activities that although maybe don't quite deal with a complex global issue will still require the same type of critical thinking, investigation skills, and research.

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10 th - 12 th	Design a Web site that meets accessibility requirements. (1, 5)		Students do not need to know how to code to do this. Check out www.wix.com and www.moonfruit.com for examples on free web design websites. Could create an online portfolio for displaying a student's work.	For students who would like to learn to code in order to build a website, there are excellent free resources out there. Including www.codecademy.com . This would be an excellent semester long project for students and a great independent learning activity.
9 th - 10 th	Design, develop, and test a digital learning game to demonstrate knowledge and skills related to curriculum content. (1, 4)	CC SL #5	Utilize an online game creation program and have students create a game that mimics a concept in science. Or perhaps symbolizes a historical incident. www.gamestarmechanic.com is a great resource for this. Or http://scratch.mit.edu/	Scratch could be used as a simulation creator. Definitely worth the time it takes to learn. www.scratch.mit.edu
11 th - 12 th	Analyze the capabilities and limitations of current and emerging technology resources and assess their potential to address personal, social, lifelong learning, and career needs. (4, 5, 6)	CC RI #7 CC WHST #6 CC SL #5 CC W #7	Create a Project Based Learning activity that requires students to utilize technology, research, and analysis to address an area mentioned in the student profile. Check out www.bie.org for more ideas and guidance on designing this.	
ALL	Configure and troubleshoot hardware, software, and network systems to optimize their use for learning and productivity. (4, 6)	N/A	A search for basic network troubleshooting will yield plenty of good resources. Here is a good one as well.	